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## RAW SEQUENCE LISTING

DATE: 11/27/2002

PATENT APPLICATION: US/10/054,429A

TIME: 14:50:38

Input Set : A:\47508-580 (HYZ-027CIP).txt

Output Set: N:\CRF4\11272002\J054429A.raw

3 <110> APPLICANT: Kandimalla, Ekambar R.  
 4     Agrawal, Sudhir  
 6 <120> TITLE OF INVENTION: Cooperative Oligonucleotides  
 8 <130> FILE REFERENCE: 47508-580 (HYZ-027CIP)  
 10 <140> CURRENT APPLICATION NUMBER: US 10/054,429A  
 C--> 11 <141> **CURRENT FILING DATE: 2002-11-04**  
 13 <150> PRIOR APPLICATION NUMBER: US 08/420,672  
 14 <151> PRIOR FILING DATE: 1995-04-12  
 16 <160> NUMBER OF SEQ ID NOS: 30  
 18 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
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 22 <212> TYPE: DNA  
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 26 <223> OTHER INFORMATION: cooperative oligonucleotide  
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 36 <220> FEATURE:  
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 39 <400> SEQUENCE: 2  
 40 atctctctcc tt  
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 55 <212> TYPE: DNA  
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 58 <220> FEATURE:  
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ENTERED

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65 <211> LENGTH: 21
66 <212> TYPE: DNA
67 <213> ORGANISM: Artificial Sequence
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73 ctgcaccca tctctctcct t 21
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76 <211> LENGTH: 22
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80 <220> FEATURE:
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83 <400> SEQUENCE: 6
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86 <210> SEQ ID NO: 7
87 <211> LENGTH: 23
88 <212> TYPE: DNA
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: cooperative oligonucleotide
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97 <210> SEQ ID NO: 8
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99 <212> TYPE: DNA
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103 <223> OTHER INFORMATION: cooperative oligonucleotide
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116 <400> SEQUENCE: 9
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182 <400> SEQUENCE: 15
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187 <212> TYPE: DNA
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 PATENT APPLICATION: US/10/054,429A        TIME: 14:50:38

Input Set : A:\47508-580 (HYZ-027CIP).txt  
 Output Set: N:\CRF4\11272002\J054429A.raw

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243 <213> ORGANISM: HIV-1
245 <220> FEATURE:
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248 <400> SEQUENCE: 21
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252 <211> LENGTH: 39
253 <212> TYPE: DNA
254 <213> ORGANISM: HIV-1
256 <220> FEATURE:
257 <223> OTHER INFORMATION: cooperative oligonucleotide
259 <400> SEQUENCE: 22
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262 <210> SEQ ID NO: 23
263 <211> LENGTH: 21
264 <212> TYPE: DNA
265 <213> ORGANISM: Artificial Sequence

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Input Set : A:\47508-580 (HYZ-027CIP).txt

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274 <211> LENGTH: 21
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276 <213> ORGANISM: Artificial Sequence
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281 <400> SEQUENCE: 24
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285 <211> LENGTH: 9
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287 <213> ORGANISM: Artificial Sequence
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292 <400> SEQUENCE: 25
293 ctgcacccc 9
295 <210> SEQ ID NO: 26
296 <211> LENGTH: 12
297 <212> TYPE: DNA
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303 <400> SEQUENCE: 26
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315 tctctctcct tc 12
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VERIFICATION SUMMARY

DATE: 11/27/2002

PATENT APPLICATION: US/10/054,429A

TIME: 14:50:39

Input Set : A:\47508-580 (HYZ-027CIP).txt

Output Set: N:\CRF4\11272002\J054429A.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date